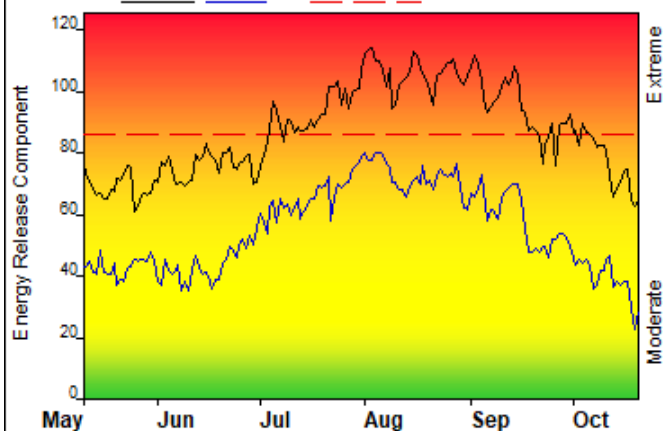


FIRE DANGER -- North Idaho-North Mountains

Maximum, Average, and 90th Percentile, based on 15 years data



Fire Danger Area:

- ◆ CDC-North Mountains
- ◆ North/Central ID Panhandle
- ◆ North Mountains SIG
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:

EXTREME -- Use extreme caution

High -- Watch for change

Moderate -- Lower Potential, but always be aware

Maximum -- Highest Energy Release Component by 3 day period for 2005 - 2019

Average -- shows peak fire season over 15 years (2459 observations)

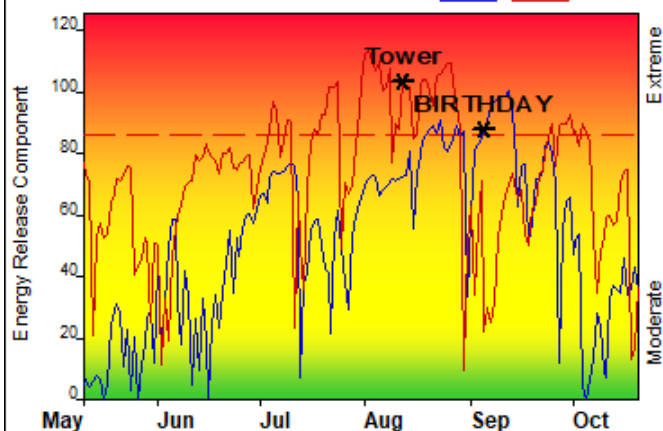
90th Percentile -- 10% of the 2459 days from 2005 - 2019 had an Energy Release Component above 88

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:

20' Wind Speed over 15 mph, **RH** less than 20%,

Temperature over 80, **1000-Hour Fuel Moisture** less than 15

Years to Remember: 2011 2015



Fuel Model: Z - Slash/Blowdown (2016)

Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

Past Experience:

-Drought conditions with lack of moisture (<1/4" in past 6 weeks) led to dry fuels in August 2015. A passing cold front with winds gusting to 25mph and high temps (>90F) and low RH (<15%) caused the Tower Fire (25,885ac) to escape IA and make a 6.5 mile 1 day run in heavy timber.

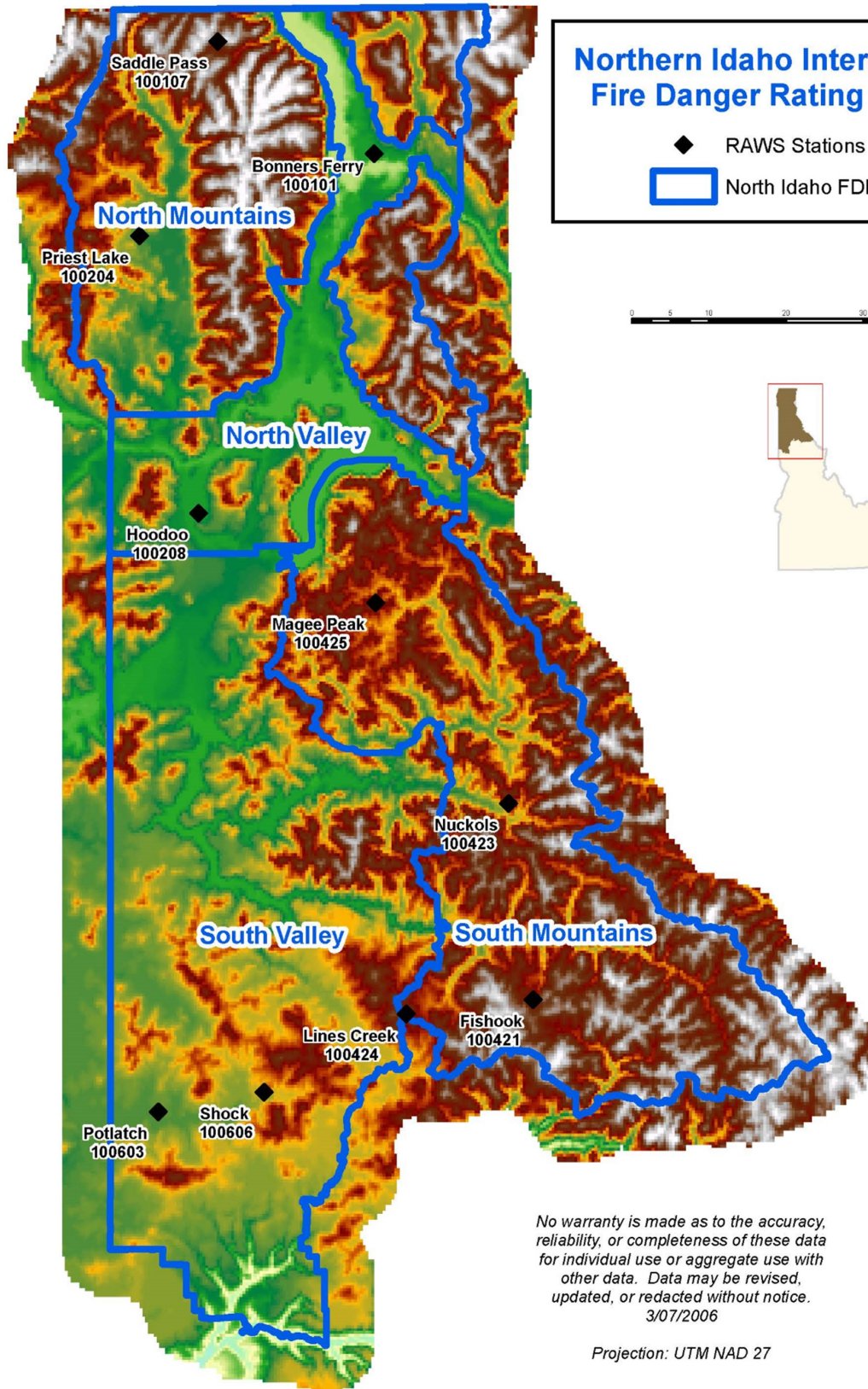
-The 2011 Birthday fire made a large run (800ac) in spruce/fir with prolific spotting into areas where live fuel moistures were seasonably low (80%). High elevation temps were 81 F. RH's were 19% and 1000-hr fuel moistures low (11%)

-Pay attention to passing dry cold fronts, thermal belts and low live fuel moistures that can increase fire activity

Responsible Agency: USFS, BLM, IDL, CDT

FF+5.0 build 20191211 06/17/2021-15:53 (C:\Users\ldm\ui\Document...\Field Season 2021)

Design by NWCG Fire Danger Working Team



Northern Idaho Interagency Fire Danger Rating Areas

- ◆ RAWs Stations
- North Idaho FDRA

0 5 10 20 30 40 Miles



No warranty is made as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data. Data may be revised, updated, or redacted without notice. 3/07/2006

Projection: UTM NAD 27

